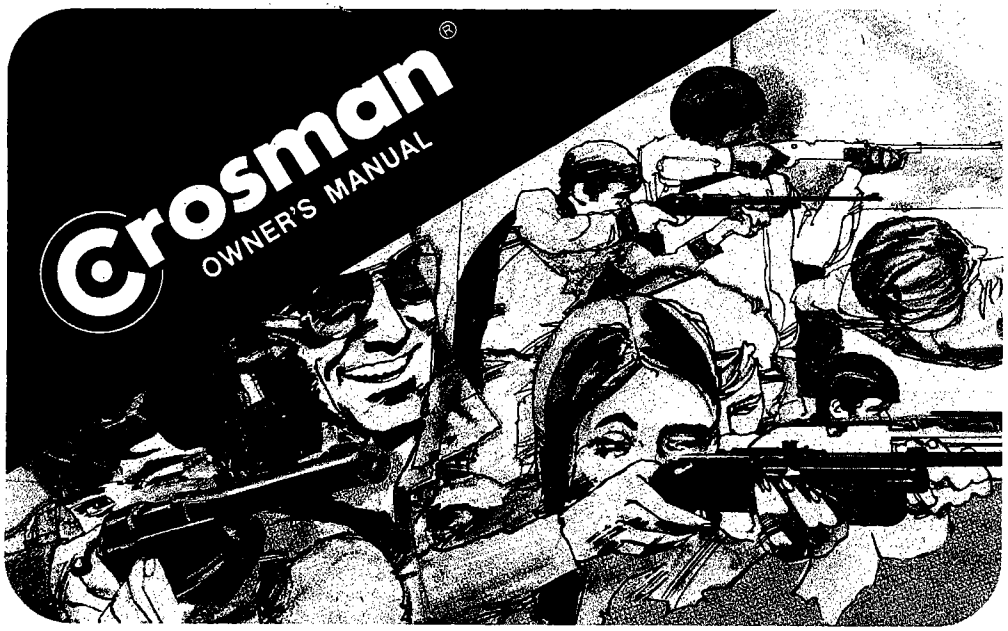
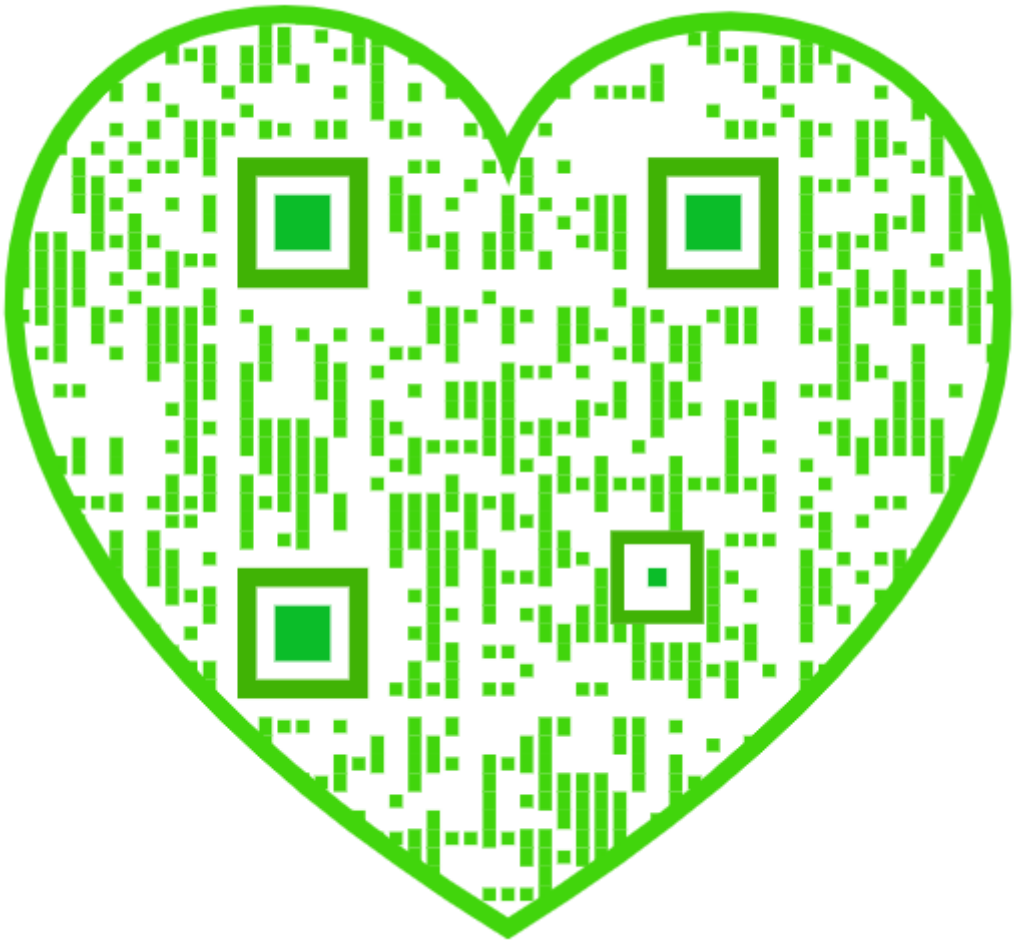


CROSMAN MODEL 70



Please read this Owner's Manual carefully and thoroughly before operating gun.

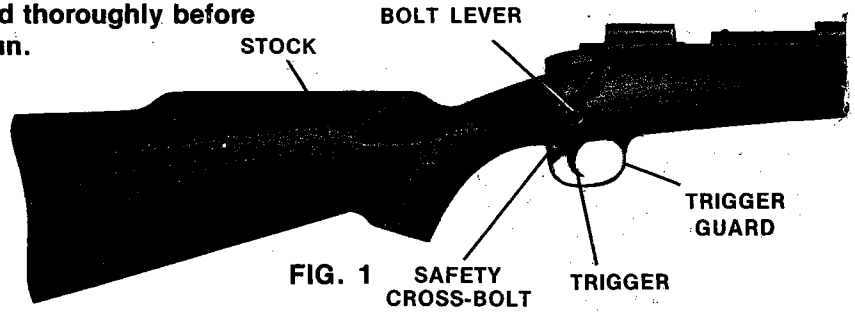
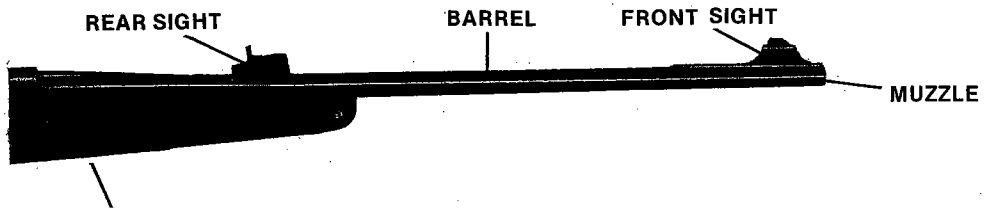


FIG. 1

Crosman Arms welcomes you, the owner of a Model 70 rifle, to the ever-increasing number of sportsmen and shooting enthusiasts who have chosen Crosman guns.

The 70 is a precision built rifle, engineered from finest quality materials and designed to combine high performance with inexpensive shooting. It is a single shot bolt action, .177 caliber CO_2 powered pellet gun. Before your rifle was released from our factory, it underwent numerous rigid inspections and was test fired to guarantee its performance.

With normal care and maintenance, your 70 rifle will last a lifetime and will provide endless pleasure. You are urged to use your rifle with respect for other people and to exercise caution and common sense at all times. You should not alter any of the factory settings to the Trigger or Safety Bolt, or interfere with any other part of the rifle that may impair its safe operation.



SPECIFICATIONS

Mechanism	Single shot bolt action
Caliber	.177
Ammunition	Crosman .177 caliber SUPER PELLS®
Weight	5¾ lb.
Overall Length	41 in. (1025mm)
Sights	
Rear	Fully adjustable for elevation and windage
Front	Fixed blade
Safety	Cross-bolt safety
Barrel	23¾ in. (594mm), 10 lands, right hand twist, one turn in 16"; button rifled
Stock	Hand-rubbed walnut finished hardwood
Power	One Crosman 12.5 gr. CO_2 gas POWERLET®
Velocity	Over 600 f.p.s. average
POWERLET® piercing	One stroke, lever actuated cam piercing
Shots per POWERLET®	Approximately 40
Trigger pull	4½ lb.

SHOOTING THE 70

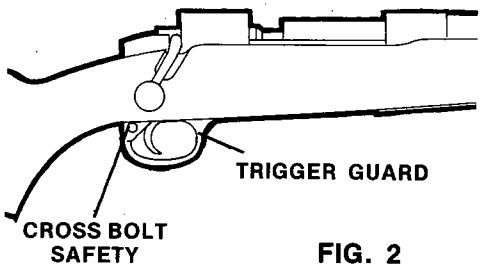


FIG. 2

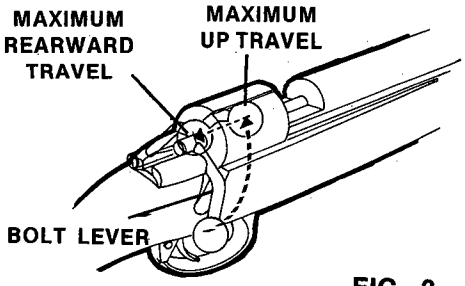


FIG. 3

To Operate The Safety

Push in the Safety Cross Bolt from the left side of the Trigger Guard to make the Trigger inoperable (Fig.2). To take the Safety off (to fire), push in the Safety Cross Bolt from the right side of the Trigger Guard.

To Load The Rifle

Put the rifle on SAFE. Lift up the Bolt Lever until the maximum upward travel has been reached and an audible click is heard (Fig. 3). Then pull back firmly on the Bolt Lever until it reaches the maximum rearward position (Fig. 3). Again, an audible click will be heard. The bolt will remain in this position.

IMPORTANT: Do not attempt to pull back the Bolt Lever until its maximum upward position has been reached (i.e., it has 'clicked in.'

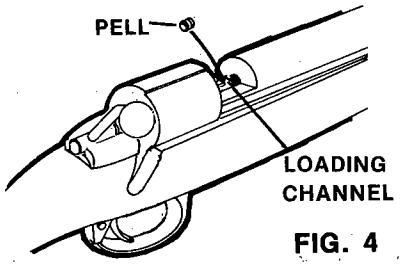


FIG. 4

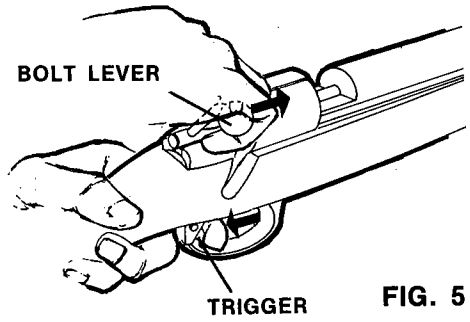


FIG. 5

CAUTION: An interlock has been provided to prevent accidental discharge of the gun with the Bolt open. Do not try to fire the gun with the Bolt open.

Place a Crosman SUPER PELL®, nose forward, into the Loading Channel (Fig. 4). Push the Bolt Lever fully forward, then down, until it reaches the maximum downward position.

The rifle is now charged (cocked) and loaded and ready to fire. Be sure of your target and backstop. Take the rifle off SAFE, take aim, and squeeze the Trigger gently to fire the gun.

To Uncock The Rifle

The 70 rifle can be uncocked without being fired. To do this, point the muzzle of the gun in a safe direction, and push in the Safety Bolt from the right side. Open the Bolt until it clicks in the rearward position. While holding the Bolt Lever with one hand, squeeze the Trigger, and allow the Bolt to move slowly forward (Fig. 5).

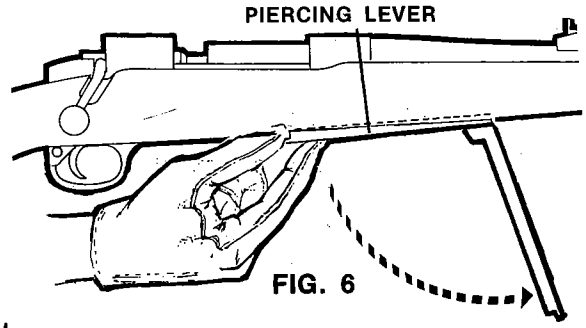


FIG. 6

To Unload a Pellet From The Barrel

To remove a pellet or obstruction that has become lodged in the barrel, it is important to put the rifle in the safest condition possible. First, remove the POWERLET® and put the gun on SAFE. Then open the Bolt.

With the Bolt open, insert a ramrod (maximum diameter 5/32") into the muzzle end of the barrel. Push the pellet back into the Loading Chamber. A wire coat hanger, when straightened, makes an adequate ramrod.

To Remove The POWERLET®

Point the muzzle of the rifle in a safe direction, cock and fire the rifle repeatedly until all of the CO_2 gas has been exhausted, and put the gun on SAFE. Using your thumb and forefinger, (Fig. 6) slowly pull the Piercing Lever Tab out from the stock.

CAUTION: It is recommended that if a POWERLET® contains residue CO_2 gas, a glove be worn to prevent bare skin contact with escaping CO_2 gas.

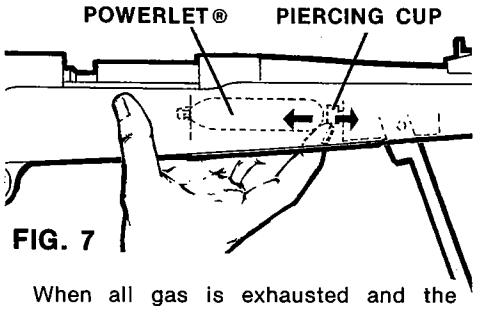


FIG. 7

When all gas is exhausted and the Piercing Lever is fully open, hold the gun in a horizontal position and, using the index finger, push the Piercing Cup forward while pushing the POWERLET® rearward (Fig. 7). This will create enough clearance so that, when your finger is removed, the POWERLET® will drop out.

To Load a POWERLET®

With the gun on SAFE, hold the gun in an inverted position with the Piercing Lever open and the muzzle pointed in a safe direction. With your index finger,

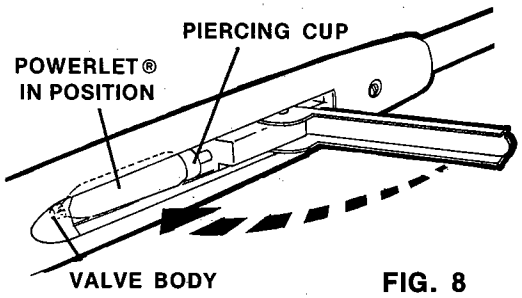


FIG. 8

push the Piercing Cup all the way forward toward the muzzle.

Place the neck of the POWERLET® into the Valve Body until enough clearance is obtained to allow the round base of the POWERLET® to drop into the front of the Piercing Cup (Fig. 8). Close the Piercing Lever to pierce the POWERLET®.

CAUTION: The valve and piercing mechanism in this rifle are designed for use with Crosman POWERLETS®. Other types of CO_2 cartridges may not function or may even damage the valve system.

SIGHTING-IN THE 70

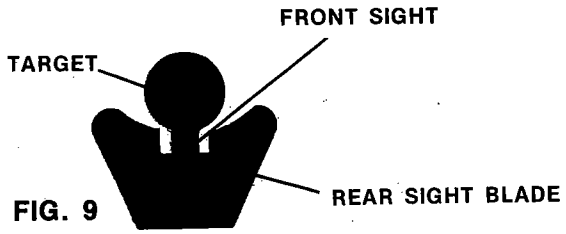


FIG. 9

Sighting-in The 70

The rifle is correctly aimed when the blade of the front sight is positioned exactly in the notch of the Rear Sight, and the top of the Front Sight is flush with the top of the Rear Sight. For target shooting, many marksmen prefer to sight-in at the bottom of the bull's eye (the 6 o'clock position) (Fig. 9). The sights will then appear black against the white of the target. The point of impact, however, will be the center of the bull's eye.

The Rear Sight may be adjusted for elevation, and, if necessary, for windage.

Elevation

To raise the point of impact, raise the Rear Sight. First put the gun on SAFE. Grip the Rear Sight Blade with thumb and index finger and gently move one click at a time forward (Fig. 10). Charge and load rifle, then take the gun off SAFE, making sure of your target and backstop, and fire the rifle. Check the target, and if the gun is still shooting low, repeat the above procedure.

FIG. 10

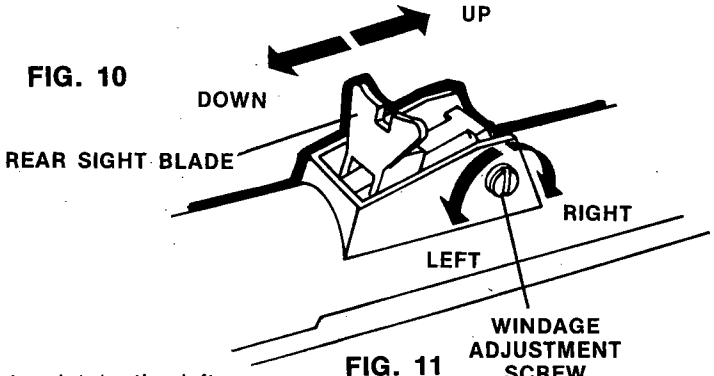


FIG. 11

Windage

To shift the impact point to the left, place the gun on SAFE. Use a dime or a small screwdriver to turn the Windage Screw counterclockwise (Fig. 11). This will move the Sight Blade to the left. To shift impact to the right, place the gun on SAFE, and use a small screwdriver or a dime to turn the Windage Screw clockwise.

CARE OF THE 70

Treat your rifle with the same fine care that you would give your other valued possessions and it will give you a lifetime of service, pleasure, and enjoyment. Be sure your rifle is set to SAFE and unloaded when it is not in use. In the event of prolonged storage (six months or longer), it is recommended that the POWERLET® be removed.

Always keep your rifle clean. Be sure that dirt and grit do not enter the Barrel or any moving parts. Gently wipe metal parts with a cloth moistened with Crosman PELLGUNOIL® to prevent rust and to preserve the finish. For greatest accuracy, long barrel life, and trouble-free performance, use only Crosman .177 caliber SUPER PELLS®. The design and materials of other brands can cause feeding failures and plugged barrels. Do not expose your charged rifle or POWERLETS to excessive heat or cold.

Lubrication

Be sure to follow these simple instructions to insure the long life of your rifle. To maintain trouble-free performance and to eliminate most sealing failures, after using 10 POWERLETS or when moving parts appear dry, apply 3 or 4 drops of Crosman PELLGUNOIL® to all seals and moving parts (Fig. 12).

DO NOT over oil, as harm may be caused to the gun action. DO NOT use penetrating, detergent or regular gun oils,

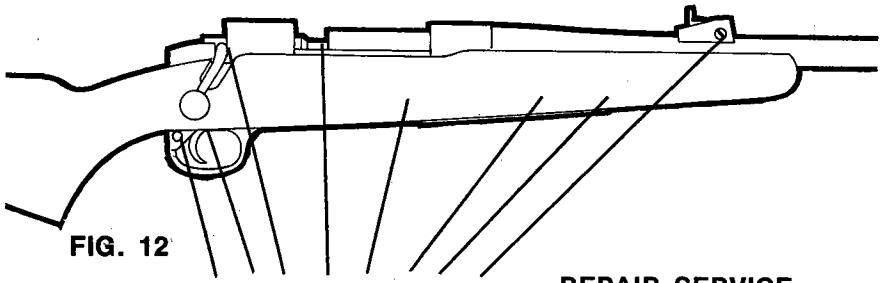


FIG. 12

pellgunoil®

WARNING: The use of any other lubricating oil other than Pellgunoil could result in damage to this gun.

as damage may be caused to the valve washers, seals and finish.

It is not necessary to clean the Barrel bore, but the occasional application of a little PELLGUNOIL® is recommended to prevent the Barrel from rusting.

REPAIR SERVICE

It is recommended that, in the event that repairs to your rifle are necessary, the work be entrusted only to your nearest Crosman Authorized Service Station. Fully equipped and manned by a specially trained staff, the world-wide network of Service Stations has been established to provide fast, efficient, local service. In areas where no repair service is available, a Crosman Repair Manual may be obtained, for $1.50, from Crosman Arms Company, 980 Turk Hill Road, Fairport, New York 14450, U.S.A.

CAUTION

The following suggestions are intended to serve as a useful reminder.

DON'T forget to treat every gun as if it were loaded.
DON'T alter or adjust any of the factory settings to your rifle.
DON'T forget to put gun on Safe before loading.
DON'T re-use ammunition that has already been fired.
DON'T shoot steel darts, as the accuracy of your rifle may be impaired or personal injuries may result.
DON'T expose gun or POWER-LETS® to excessive heat.
DON'T point the rifle in an unsafe direction.
DON'T point the rifle at anything you do not intend to shoot.
DON'T shoot at the target until you are sure of your backstop.
DON'T over lubricate your rifle.
DON'T store your rifle loaded.
DON'T use your rifle without due respect for yourself and other people.
DON'T conduct yourself in an unsportsman-like manner when using your rifle.

IMPORTANT: Read Warranty and fill out Guarantee Certificate below at time of purchase.

WARRANTY

We guarantee this product for one year from date of purchase against defective materials and workmanship (providing the gun has not been abused).

EXCLUSION

To the extent all or any part of the following exclusion is prohibited by the law of any state or municipality, including the states of Kansas and California, it shall not be applicable.

This is the only warranty, expressed or implied and there is no warranty of merchantibility nor fitness for a particular purpose. Consequential or incidental damages are excluded.

To qualify for warranty, this certificate must be forwarded to the warranty station. Do not return product to factory without written permission.

GUARANTEE CERTIFICATE

IMPORTANT: Keep this certificate. Cut out and take to Crosman Authorized Service Station to qualify for warranty service.

Crosman

Customer's Name .....

Street .....

Town ..... State .....

Model .....

Dealer's Name .....

Date Purchased .....